**Figure 1**

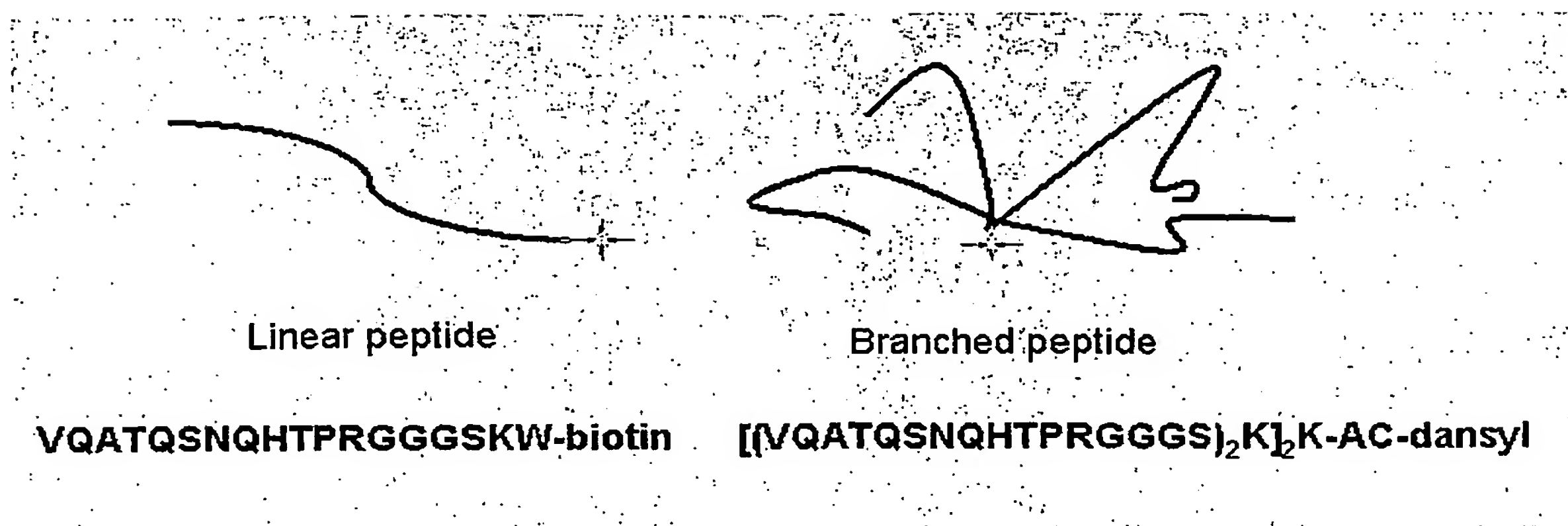


Figure 2

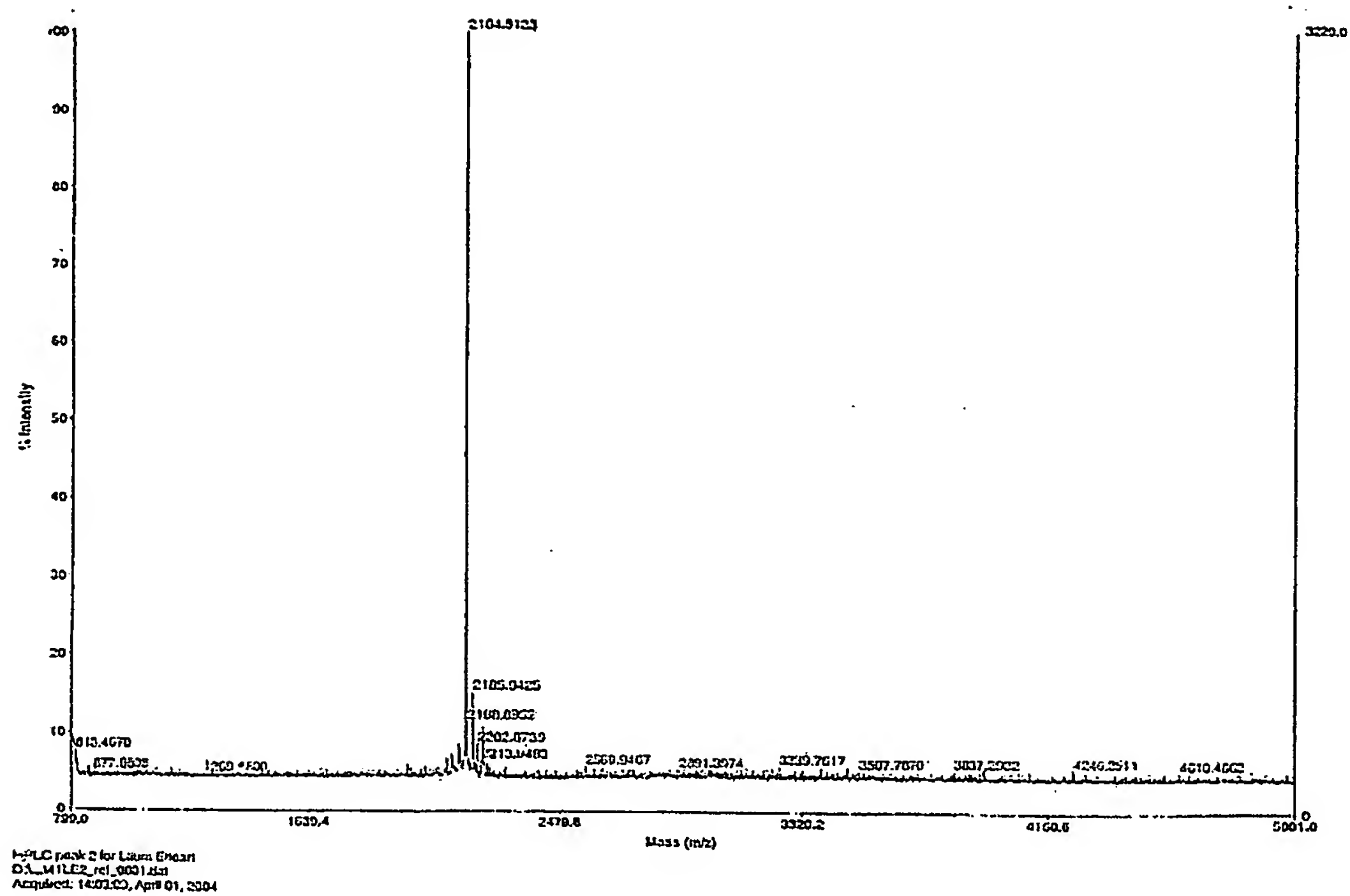


Figure 3

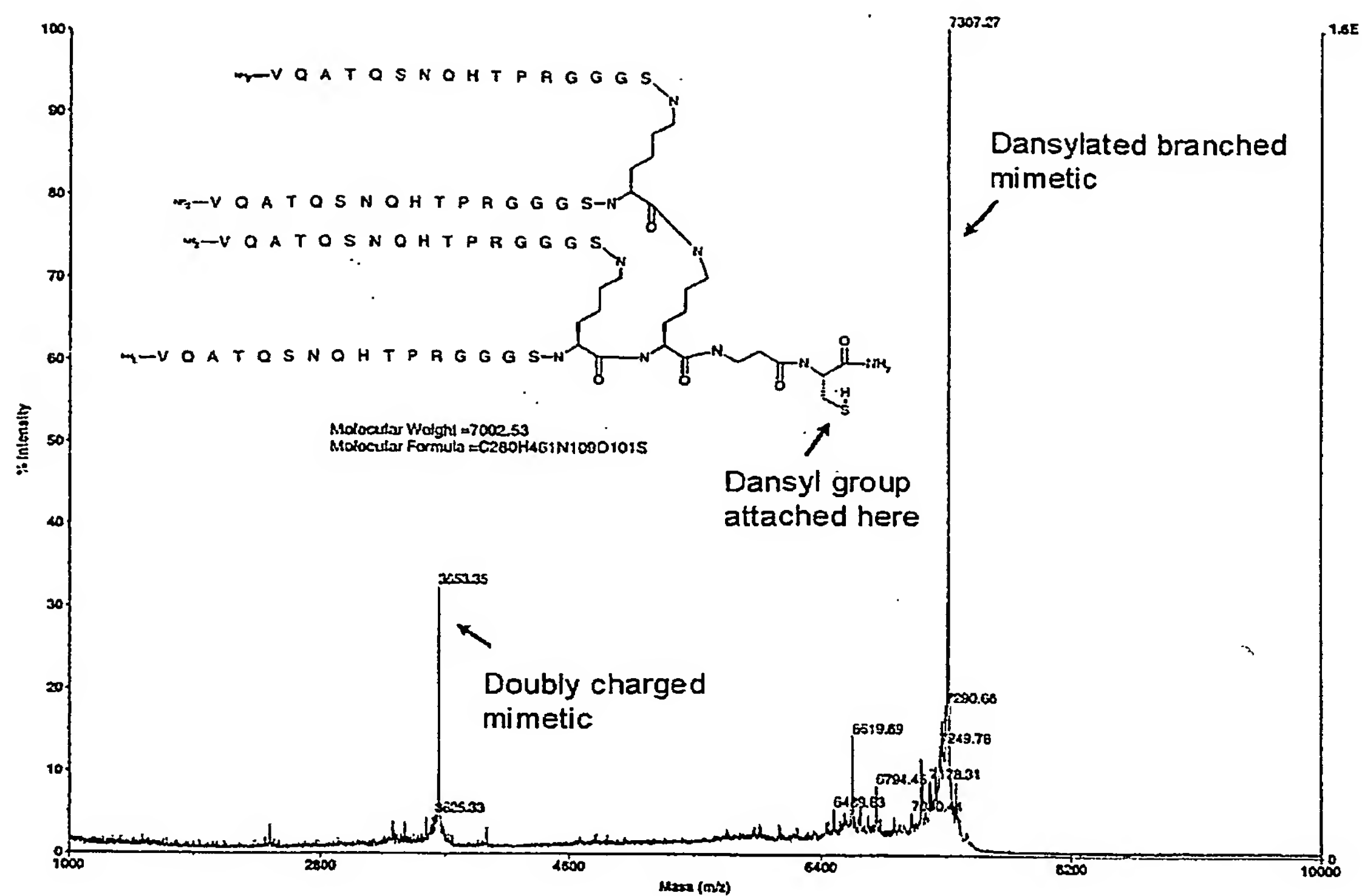


Figure 4.

**5-((((2-iodoacetyl)amino)ethyl)amino)naphthalene-1-sulfonic acid
(1,5-IAEDANS)**

Molecular Formula: $C_{14}H_{15}IN_2O_4S$

Molecular Weight: 434.25

CAS Number/Name: 36930-63-9 / 1-Naphthalenesulfonic acid,
5-((2-((iodoacetyl)amino)ethyl)amino)-

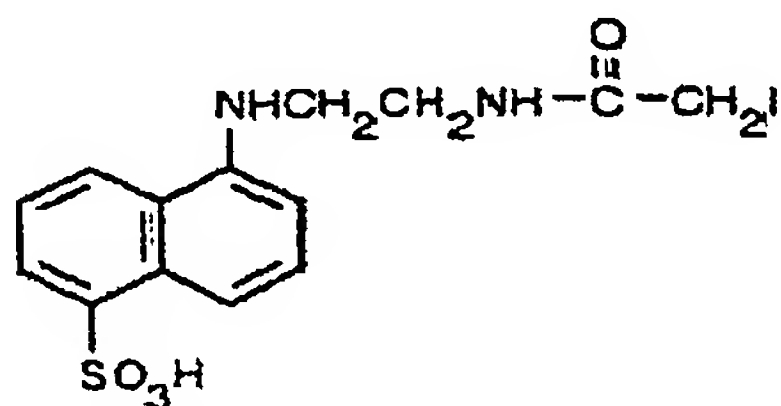


Figure 5

Amino acid sequence of polypeptide encoded in sequence in capital letters in A.

Met
LCADYSENTFTEYKKKLAERLKAKLPDATPQATQSNQHTPRGGGSELAKL
VNHSDFA SNCCSINSPPLYCDSEIDAE LKNILHHHHHH

Figure 6

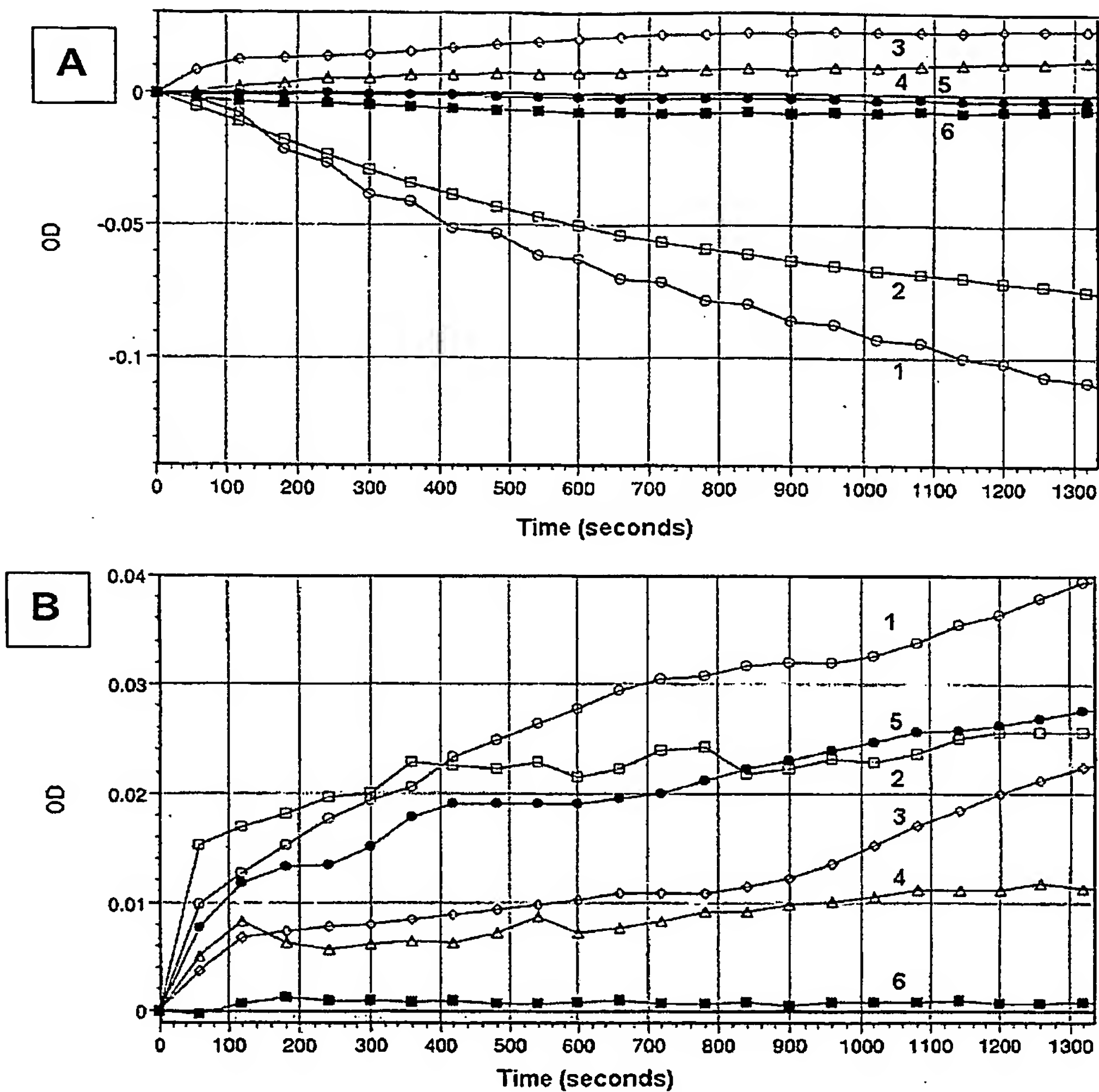


Figure 7

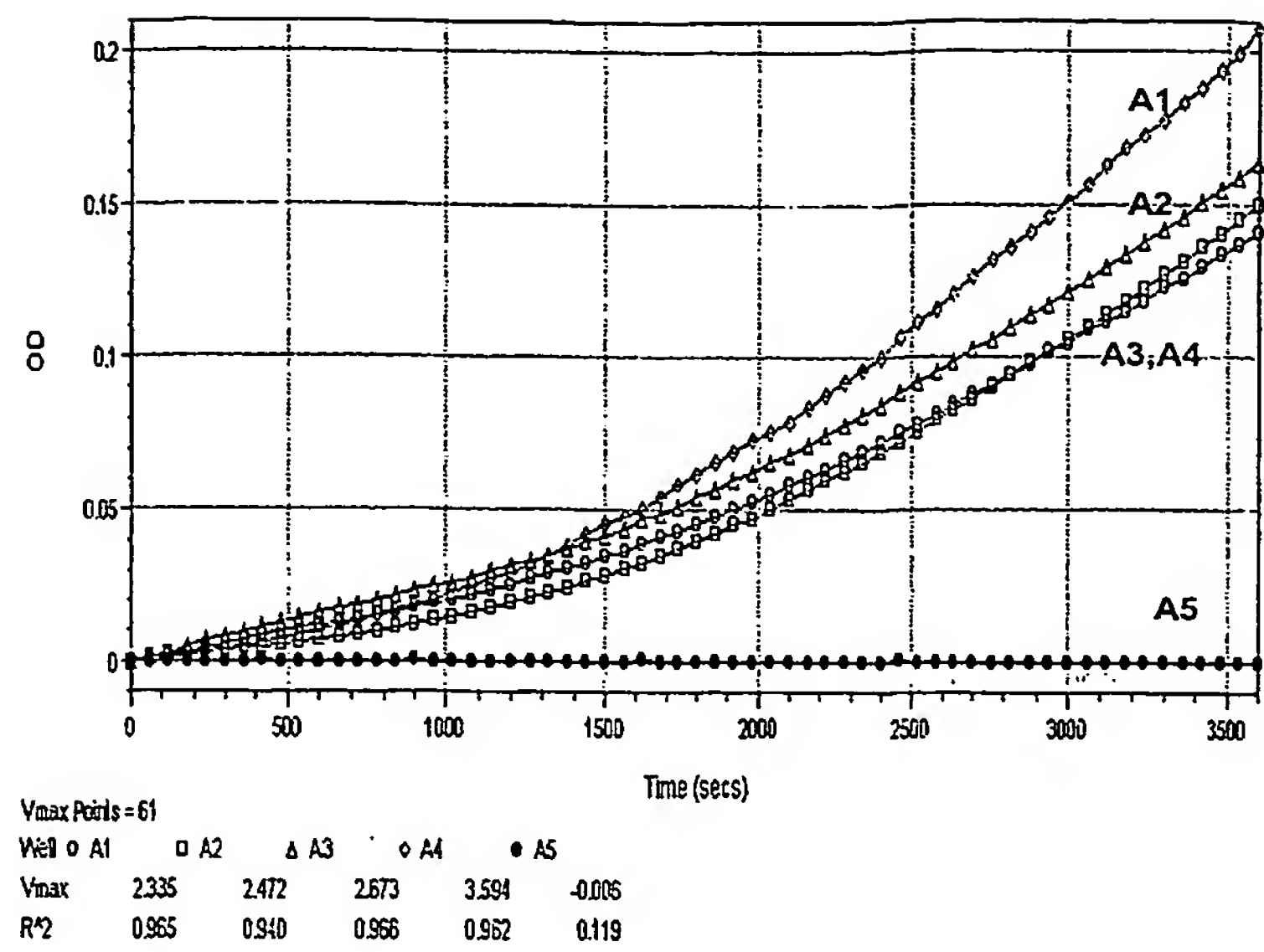


Figure 8

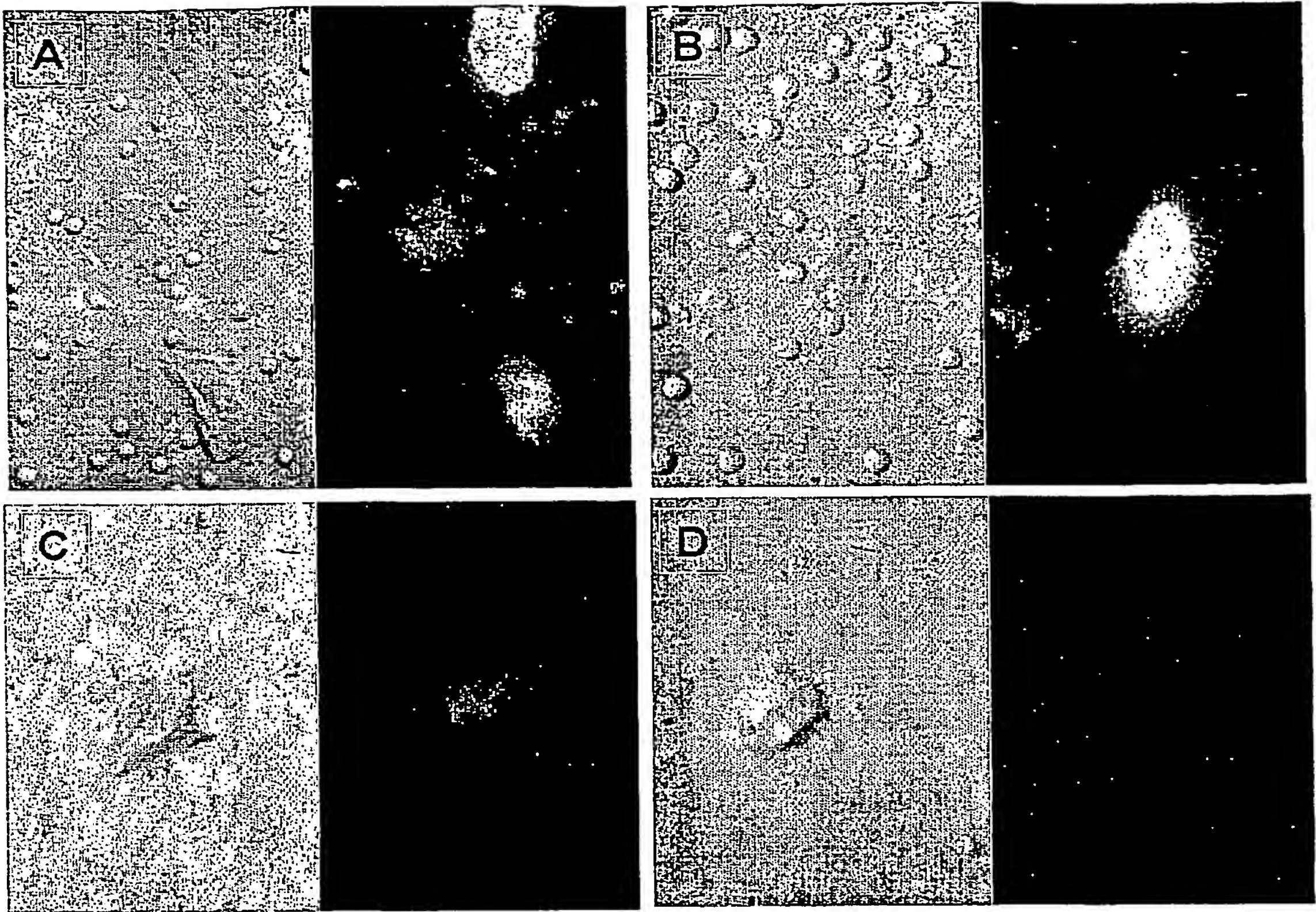


Figure 9